

178/60

(SF-1048)

Character of the Cessation of Detonation of
Powdered Explosive Substances, by A. Ya. Apin,
V. K. Bobolev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII, No 2,
1947, pp 241-244.

JPRS 4027

Sci - Chem

Sep 60

125,703

178/60

(SF-1048)

Effect of Pressure on the Velocity of Thermal
Decomposition of Explosive Substances, by Yu. N.
Ryabinin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII, No 2,
1947, pp 245-248.

JPRS 4030

Sci - Chem

127,081

The Critical Surface of Adiabatic Flow, by
S. S. Byusgens.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII, No 3,
1947, pp 365-368.

NLL Ref: 5828.4 1962 (5,242) (losm)

Sci - Phys
Jul 63

236,107

DOK AKAD NAUK SSSR, NOVA SER Vol LVIII, No 3 Oct 47

4 pp

"Escape of Supersonic Jet from Container with Flat
Sides"

F. I. Frankl'

Done by AMC
F-TS-1213-1A
copy in file
AF-226940

49T78

Chem. Phys. The Theory of Liquidecence With a Photo
Cyclotron, by M. A. Tolstoy, P. P. Fedulov,
5 pp.

RUSSIAN, ~~per~~, Dok Akad Nauk SSSR, Vol. LVI(1), No. 3,
1947, pp. 389-392.

CIA/FDD X-784
NOT RELEASEABLE TO FOREIGN NATIONALS

Sci - Physics
Mar 60
USIS EDITION USE ONLY
IS or CIA COMIC 64
Vol III, NO 4

109756

Absorption Spectrum of Structural Proteins of the Muscle in Ultraviolet Light, by Kh. M. Ravikovich, O. N. Setkina, K. D. Leont'eva, 7 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII, No 3, 1947, pp 401-404.

CIA/FDD/X-1470

Scientific - Biology

18,841

DOK AK NAUK

Vol LVIII, No 4, 1947, 4 pp

"Mechanisms of "Electrical Method of Separating Nuclear Isomers"

A.S. Karamyan
L.I. "usinov

Available at Brookhaven

See Guide to Russ Sci Per Lit, Vol 1, No ?, P. 51

38T89

Discussion of Methods used for Studying the Orientation of Particles in Sand-Containing Sedimentary Rocks, by T. Gryaznova.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 50,
no 4, 1947, pp 50-647
CSIRO/Ro 7136

Sci -
Aug 67 335,090

Effect of Wings Moving at Supersonic Speed, by
E. A. Krasil shchikova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LVIII, No 4, 1947, pp 543-546.

Sci Trans Center RT-925

Scientific - ~~in~~ Aeronautics
CTS DEX

14.053

The Magnetostriction of Single Crystals of Ferro-Silicon, by D. A. Shturkin, 1 p.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol LVIII, No 4,
1947, pp 581-582.

CIA/FDD/z-73

Scientific - Physics
CTS/DEX

7073

A Mechanism of Corrosive Cracking in Magnesium Alloys,
by E. N. Zaretskiy, 3 pp.

RUSSIAN,
~~MEHISKI~~ thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 4, 1947, pp 607-610.

Sci Tr Center
RT-1237

Scientific - Physics

17, 439

On the Nature of the Hydrogen Bond, by N. D. Sokolov,
11 pp.

RUSSIAN, twice-mo per, Dok Ak Nauk SSSR, Vol LVIII, No 4,
1947, pp 611-614

CIA/FDD/X-741

Scientific - Chemistry, Nov 1952/CTS/DEX
hydrogen

Russian to French
CTS 77-62 - 26626

Fotochemical Oxidation of Magnesium Phthalocyanine
and Chlorophyll, by A. A. Krasnovskii, 7 pp.
CLASSIFIED

USSR, thrice-monthly, Dok Ak Nauk SSSR, Vol IVIII,
4, 1947, pp 617-620.

CIA/FDD/X-1496

Scientific - Chemistry

19,587

Some Methods of Studying Oriented Particles
in Sandy Deposits; on Materials of Cambro-
Silurian Sandstones in the North Sal'inki River
Area, Leningrad Region, by T. E. Gryaznova, 4 pp.

RUSSIAN, thrice-mo per,Dok Ak Nauk SSSR, Vol LVIII,
No 4, pp 647-650.

SLA R-1376

May 58

63,910

Decomposition of Aluminosilicates by Soil
Bacteria, by L. E. Novarossova & N. P. Remesov,
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 58,
No 4, 1947, pp 655-658.
CFSTI TT 67-51383

Sci/Ear Sci
May 68

356,805

Characteristics of Fluctuating Reverberation of
the Sea, by I. M. Sukharevskiy, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVIII, No 5, 1947.

Navy Tr 238/HO

USSR

Scientific - Geophysics

Nov CTS Dex only

20,335

DOK AK NAUK

Vol LVIII, No 5, 1947,
4 pp

"Magnetic Ionization in the Sporadic-E Layer"

V. M. Driatskiy

NRL trn. No 216

RT-688

38T12

DOK AK NAUK

Vol LVIII, No 5, 1947, 4 pp

"Asymptotic Resolution of Chaplygin's Function"

F. I. Frankl'

Done by AMC
F-TS-1212-1A
Copy in files

38T62

Influence of the Edges of the Tips on the Motion of the
Wing With Vibrations at Supersonic Speed, by
Ye. A. Kraai* zhchikova.
RUSSIAN, par. Izv Akad Nauk SSSR, Vol LVIII, No 5,
1967, pp 761, 762.
*NASA TT F-9440

Sci-Aero
Jun 68

The Motion of Particles of the Products of Detonation
of a Linear Charge, by K. P. Stannikovich, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 5, 1947, pp 763 & 766.

AMC F-TS-7472

Scientific - Physics - Hydromechanics

Nov 1951 CTS

Inver-sibility of Oxidation of Chlorophyll and
Copper Phthalocyanine by Benzoyl Peroxide, by
A. Krasnovskii, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 5, 1947, pp 835-837.

CIA/FDD/X-1497

Scientific - Chemistry

19,588

DOK AK NAUK

Vol LVIII, No 6, 1947,
2 pp

"Possible Method for Investigating the Selective Absorption
of Gamma Rays by Atom Nuclei"

I. Barit
L. Groshev
M. Podgoretskiy

Available at Brookhaven
See Guide to Russ Sci Per Lit Vol 1, No 7, Page 50

36T81

An Optical Method for Obtaining a Strictly Mono-chromatic Radiation, by N. N. Batarchukova.

RUSSIAN, per, ~~Dok Ak Nauk SSSR,~~
~~Vol. 19, No. 6, 1947.~~

~~AVIII, No 6~~

AEC Tr

19,995

Scientific - Physics

Oct 49 CTS

On the Mutual Solubility of Metals, by K. A. Osipov, 5 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1947, Vol LVIII,
No 6, pp 1055-1056.

Sci Mus Lib No 52/3266

Scientific - Metallurgy

27 December 1952

Concerning a Regularity Observed in Melting
the Metals Li, Na, K and Zn, Cd, Eg, by
O. Ya. Samoilov, 6 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol LVIII, No 6,
1947, pp 1073-1075.

OTS TT-64-10155

Sci Tr Center
RT-1489

Scientific - Chemistry 18, 877

Polymorphism of Liquids, by V. T. Slavyanovskii, 6 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol LVIII, 1947,
pp 1077-1079.

ABC Tr 3785

Sci - Chem

Oct 59

98,907

Photocatalyzing Action of Phthaloxyanine of
Magnesium and Chlorophyll in Solution, by A. A.
Krasnovskii, G. P. Brin, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LVIII, No 6, 1947, pp 1087-1090.

CIA/PDD/X-1498

Scientific - Chemistry

19,589

Influence of Surface Properties of Some Organic
Liquids on the Bulk Density of Small Coal, by
A. A. Agroskin, E. N. Loskutova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII, No 6,
1947, p 1095.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 252

Sci - Chem

Jun 59

88, 549

Corpuscular Solar Radiation, by V. Krat,
7 pp, UNCL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII,
No 7, 1947, pp 1313-1316.

ATIC P-TB-9770/V

Sci - Astron

Jul 59

91,196

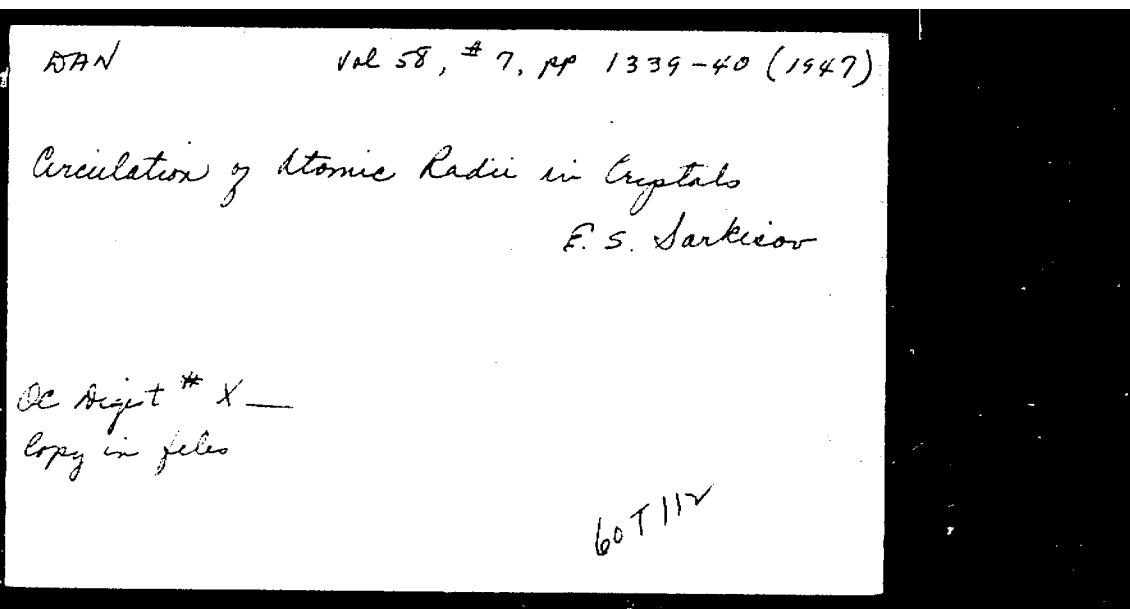
DOK AKAD NAUK SSSR, Nov Ser" Vol L^{VIII}, No 7, 1947,
2½ pp

"New Methods of Producing Aerosols"

N. Smirnov

Translated by ID
copy in file safe

60T107



Phase Diagrams of Ternary Systems Composed
of Lithium, Sodium, Potassium, and Rubidium
Fluorides, by E. P. Dergunov, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVIII, No 7, 1947, pp 1369-1372.

Sci Trans Center
RT-2708

Scientific - Chemistry
CTS 75/Dec 55

29, 222

V
1,4-naphthaquinone Reactions With Bisulfites, by
V. N. Ufimtsev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 7, 1947, pp 1377-1378.

Res Info Sv R.582
53 Nassau St
NY

Scientific - Chemistry

Feb 56 31,060

The Synthesis and Decomposition of High-Molecular Weight Glycols, by M. A. Chel'tsova, A. D. Petrov,

RUSSIAN, per 3 x mo, Dok Ak Nauk SSSR, Vol LVIII, No 7, 1947, pp 1379-1381.

Res Info Ser R.583
53 Nassau Street,
New York 5, N. Y.

32,078

Sci - Chemistry

Thermo-Chemical Radii of Hydroxyl Radicals, by
K. B. Yatsimirskiy.

thrice-
RUSSIAN, 3-~~x~~ no, per, Dok Ak Nauk SSSR, Vol
LVIII, No 7, 1947, pp 1407-1410.

Ref Info Serv R.584
53 Nassau Street,
New York 5, N. Y.

32,043

Sci - Chemistry

DAN

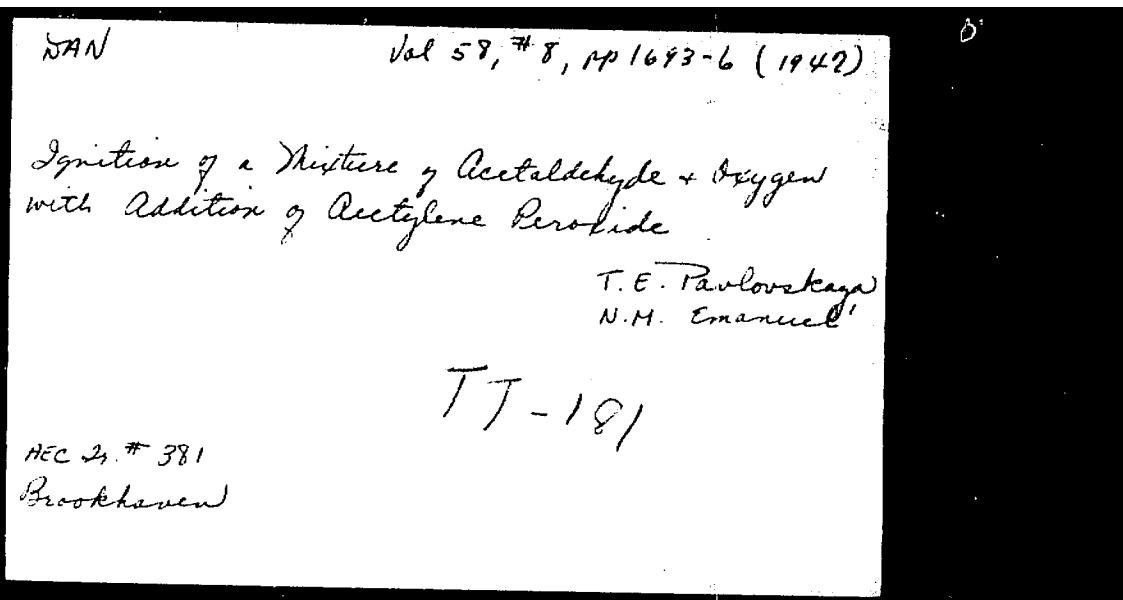
Vol 58, *8, pp 1645-48 (1947)

Circulation of Interatomic Distances in Metals
+ Alloys

R. J. Sarkisov

DC Digit # X
Copy in files

55 T 9



Isolation of Crystalline Proteins From the Skin of
Mammals, Birds, Reptiles, Amphibians, Fishes, by
N. E. Pletnikova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LVIII, 1947,
pp 1715-1718.

A.E.R.E. Tr
11/3/5/341

Scientific - Biology

CTS/DEX

Acquisition 5/3/2290 7295

Content of Water and Its Daily Variation in the
Leaves of Forest Mesophytes, by G. I. Poplavskaya,
7 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LVIII,
1947, pp 1813-1816.

CIA/FDD/X-1499

Scientific - Chemistry

19,590

DOK AKAD NAUK SSSR, Nov Ser Vol LVIII, No 9, 1947, 4p

"Ultraviolet Luminescence of Monocrystals KCl and KBr,
X-Rayed at Low Temperature"

M. L. Kats

NRL No 252

RT - 856

55T85

Concerning a New Genus of Viviparous Monogenetic Trematodes, by B. Bykovsky, 6 pp.

RUSSIANE, per, Dok Ak Nauk SSSR, Vol LVIII, No 9, 1947, pp 2139-2141.

Fisheries Res Board of Canada
Biol Station
Nanaimo B.C.

Sci

Feb 64

Investigation of the Ionospheric F₂ Layer During
the Total Eclipse of the Sun May 20, 1947, in
Brazil ~~XXIX~~^{XXVII} by Y. L.
Alpert. 8 pp.

RUSSIAN, pers, Iz Ak Nauk SSSR Fiz, Vol XIII, No 1,
Jan/Feb 48, pp 44-53; Dok Ak Nauk SSSR, Vol LXIII,
No 9, Dec 47.

NRL Tr 185

RT-385

12, 765

RDB 41

Scientific - Astronomy

DOK AKAD NAUK SSSR, NOVA SER

Vol LVIII, No 9,
3 pp

"Investigations of the Sun's Radio Emissions by the Brazil
Expedition of the Academy of Sciences of the USSR During
the Solar Eclipse, 20 May 1947"

S. E. Khaykin
B. M. Chikhachev

NRL Trans 183
See 39T101

55T80

Approximate Boundary Conditions for the Electro-
magnetic Field on the Surface of a Good Conductor,
by M. A. Leontovich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, 1948.

CIA/FDD X-2390

Sci - Physics
May 1957 CTS/dex

47, 329

Shternina, E. B.

ATTEMPT TO CALCULATE THE SOLUBILITY OF
CALCIUM SULFATE IN AQUEOUS SOLUTIONS OF
SALTS [Popyrka Rascheta Rastvorimosti Sul'fata
Kal'stiya v Vodnykh Rastvorakh Solei]. [1962] 5p.
Order from ATS \$8.50. ATS-28P02R

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1948,
v. 60, no. 2, p. 247-250.
Another trans. is available from HB as HB-3124.

DESCRIPTORS: *Calcium compounds, *Sulfates,
Solubility, Salts.

(Chemistry--Physical, TT, v. 8, no. 12)

62-34225

I. Shternina, E. B.
II. ATS-28P02R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Electrocapillary Curves of Mercury in the
Presence of Polyvalent Cations, by L. M.
Shtifman, 7 p.

RUSSIAN, per, Dok-Ak-Nauk SSSR, 1948, Vol[VI]
III, No 6, pp 709-712.

SLA 59-16743

Sci
Feb 60
Vol 2, No 9

107,053

Infrared Spectroscopic Study of the Ageing of
Chloroprene Rubbers, by N.M. Kocharyan.
RUSSIAN, per, Dokl. Akad. Nauk. armyan.SSR
Vol. 38, 1964, pp 23-26
GB 28

Sci -
Aug 67

337-126

Dok Ak Nauk SSSR, Vol 11X, No 1, Jan
B-73 #8
Translated and available

in Coll Br, I.D., GSUSA for Consultation
Translation Report No 3 dated 19 Aug 1949

"Method of Constructing Brägger'skiy
Projections by Using Rapidly Con-
verging Series, S.T. Korobeyevskiy

DOK AKAD NAUK SSSR, Nova Ser*

Vol LIX, No 1, 1948,

3 $\frac{1}{4}$ pp

"Coefficient of Recombination of Ions in a Corona Discharge of the Atmosphere"

V. I. Popkov

NRL Translation No 166
in file safe

42T100

A New Method of Quantitive X-Ray Spectral Analysis, by
B. V. Borovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 1, 1948,
pp 29-31.

AEC Tr 1272
NRL Tr 163
PA 42199
CIA 237621

15,790

Scientific - Chemistry
Physics

DOK AKAD NAUK SSSR, Nova Ser

Vol LIX, No 1, 1948, 3 p
Appl 3

"Dielectric Properties of Barium Tetratitanate and Other
Dielectrics of the TiO₂ - BaO Systems"

G. I. Skanavi

Translated OCSICo, SIGIS Trans No 376
copy in files

TIC F2 4689-49

Also available at Brookhaven, see guide to
Russ Sci Per Lit, Vol 2, No 3, Page 118.

42 TiO

The Construction of a Diagra m for Frequency of
Oscillation, by V. P. Nikitin, V. K. Turkin, N. P.
Kunitsky, 7 pp.

RUSSIAN, per, Comptes Rendus (Doklady) Academy of
Science, USSR, Vol LIX, No 1, 1948, pp 57-60.

NRL 177

CIA 237768
?

The Coefficient of Recombination of Ions Under
Conditions of a Corona Discharge in the Atmospheric
Air, by V. I. Popkov, 7 pp.

RUSSIAN, Comptes Rendus (Doklady) Ak Nauk, SSSR,
Vol LIX, No 1, pp 61-64, 1948.

NRL 166

CIA ~~907~~

237760

DAN

Vol 59, # 1, pp 65-66 (1948)

Electronic Density of Nickel

N. V. Aggar +
L. H. Guseva

DC Digit # X
Copy in files

<p>Il'n, G. S. DEMETHYLATION OF NICOTINE IN THE PLANT CELL [Demetilirovanie Nikotina v Rastitel'noi Kletke]. [1964] 8p Order from K-H \$4.80 K-H-1393</p> <p>Trans. of <u>Akademiya Nauk SSSR, Doklady</u> 1948, v. 59, no. 1, p. 99-102. Another trans. is available from ATS as 72F2R.</p> <p>(Biological Sciences--Biochemistry, TT, v. 12, no. 1)</p>	<p>TT-64-12896</p> <p>I. Il'n, G. S. II. K-H-1393 III. Kresge-Hooker Science Library Associates, Detroit, Mich. IV. ATS-72F2R</p> <p>Office of Technical Services</p>
--	---

DAN,

Val 59, #1, pp 123-125 (1948)

Gen. Form of Equation of Underground Current
of Rivers

B. I. Tukelkin

proj. etc.

ST - 323 67

SR 25 Apr 51 42 T³⁶
U7 R23
ABC

DOK AKAD NAUK SSSR, Nova Ser

Vol LIX, No 2,
1948, 4 pp

"Certain Physical Properties of Oxide-barium Thermocathodes"

N. D. Morgulis
V.S. Yagovdik

Available at Brookhaven
See guide to Russ Sci Per Lit, Vol 2, No 3, p. 118

43T5

A New Field Method of Determining the Suction
Force of Plants, by V. S. Shardakov.

RUSSIAN, par, Dok Ak Nauk SSSR, LXX, No 1,
1948, pp 169-172.

CSIRO 3862

Sci - Biol
Aug 62

211, 225

DOK AKAD NAUK SSSR, Nova Ser Vol LIX, No 2, 1948, 4 pp

"Dielectric Permittivity and Its Relation to Temperature
for Crystals of the Rutile and Perovskite Type"

G. I. Skanavi
en Tr Eng RT 204

Translated and available PP 231-234

Coll Branch, ID, GSUSA per Consolidated
Translation Report No 3, 19 August 1949

AEC Tr - 178
Available at Brookhaven

43T100

DOK AKAD NAUK SSSR, Nova Ser.

Vol LIX, No 2, 1948,

3 pp

"Heterogeneity of the Surface of a Ferromagnet and Fields
of Magnetic Dispersion"

I. M. Kirko

NRL Translation 186
copy in file safe

43T99

Method of Studying the Build-up of an Electric
Field in the Earth, by B. S. Enenchteyn, 7 pp.

REVIEW, Matematicheskie i Mekhanicheskie Problemy, Dok Akad Nauk SSSR, Vol LIX,
No 2, 1948, pp 239-242.

AMTC R-76-0602/V

39,962

Sci - Geophysics
Oct 1956

The Role of Inert Salts in Safety Explosives, by
A. I. Golbinder, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 2,
30 Nov 1947, pp 251-263. 649548

Picatinny Arsenal Tr 47
OTIA 4345

Sci
Nov 59

100,500

Viscosity of the Blast Furnace Slags at Low Temperature, by A. I. Zhillin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 2,
1948, pp 293, 294.

DSIR LLU M.1775
(loan)

OTS 4-27-67

Sci - Engr

Oct 60

130,739

On the Systematic Position of Ankyrocotyle
Baicalense Wlasenko, by O. M. Bauer.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 2,
1948, pp 383-386.

Virginia Inst of Marine
Science (Loan)

Sci
Sept 64

Concerning the Classification Position of Ankyro-
cotyle Baicalense Wlasenko, by O. N. Bauer.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 59,
No 2, 1948, pp 383-386.
NLL RTS 3394

Sci-B and M
Nov 67

345,226

On the Fredholm Series, by I. A. Itskevich, 4 pp.
RUSSIAN, per, Dok Ak NaukSSSR, Vol LIX, No 3, 1948,
pp 423-425.

Navy Tr 3764/NRL 966

Sci - Phys
Apr 64

DOK AKAD NAUK SSSR, Nova Ser

Vol LIX, No 3, 1948,

pp 469-469 21 pp

"Ionization of Molecules KI, NaI and CaCl by Electrons"

N.I. Ionov

NRL Trans No 162
In file safe

42595

Ionospheric Deistrubances of a Special Type, by
N. V. Mednikova, 8 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 59, No 3, 1948, p 475.

NRL 187

CIA 11159

The First Observation of the Night Ionized
Layer Above the F₂ Layer, by A. N. Kazantsev,
6 pp.

Full tr

Russian, French/Russian, por, Comptes Rendus
de L'Acad des Sciences de L'URSS, Vol LIX, No 3,
Moscow, 1948, pp 479-482.

ATIC- F-13-8839/III

37,978

Scientific - Astronomy

CIS/Box
Aug 90

DOK AKAD NAUK SSSR, Nova Ser Vol LIX, No 3, 1948, 4 p

"Theory of Dispersion of Light on Admixtures in the Atmosphere and Hydrosphere"

K. S. Shifrin

NRL translation No 169
in file safe
4696.lc

42T97

DOK AKAD NAUK SSSR, Nova Ser

Vol LIX, No 3, 1948,
4 pp

"A Special Type of Ionosphere Disturbance"

N. V. Mednikova

Copy in file safe
NRL 187

42T89

Rapid Methods of Calculating the Structure Factor,
by N. V. Belov, 3 pp.

RUSSIAN, thrice-~~mo~~ pcr, Dok Ak Nauk SSSR, Vol LIX,
No 3, 1948, pp 487-483.

XEROXED
XMI Sci Trans Center RT-206
Also ID GSUSA

11,516

Scientific - Mathematics
CTS/DEK

DAN. 3 LIX, (3): 527-530, 1948

"Phosphomutase of Adenosine
Diphosphate from Liver"

by A. V. Tates'ukova

See Dr Cnt RT 382

Read at Nat'l Inst. of Health,
X-189 Bethesda Md.

On the Effect of the Liquid Phase on the
Crystallization Process of Silica, by V. A. Bron, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSsR, (Khimicheskaya
Tekhnologiya,) Vol LIX, No 3, 1948, pp 535-536.

PL 399

*FTD-TT-63-512

Sci - Chem
9 May 63

DOK AK NAUK SSSR, Nova Ser

Vol LIX, No 4, 1948

3pp

"Effect of Thermomagnetic Processing on Magnetization and
Magnetostriiction Curves of Alsifer Alloys"

Ya. S. Shur
A. A. Lukshin

Will be translated by NRL.
Phone by DL on 21 Feb 1949

43T96

S-396/60

(NY-4361)

A Method for the Approximate Calculation of
the Diffusion of Resonance Radiation, by
L. Biberman, 9 pp.

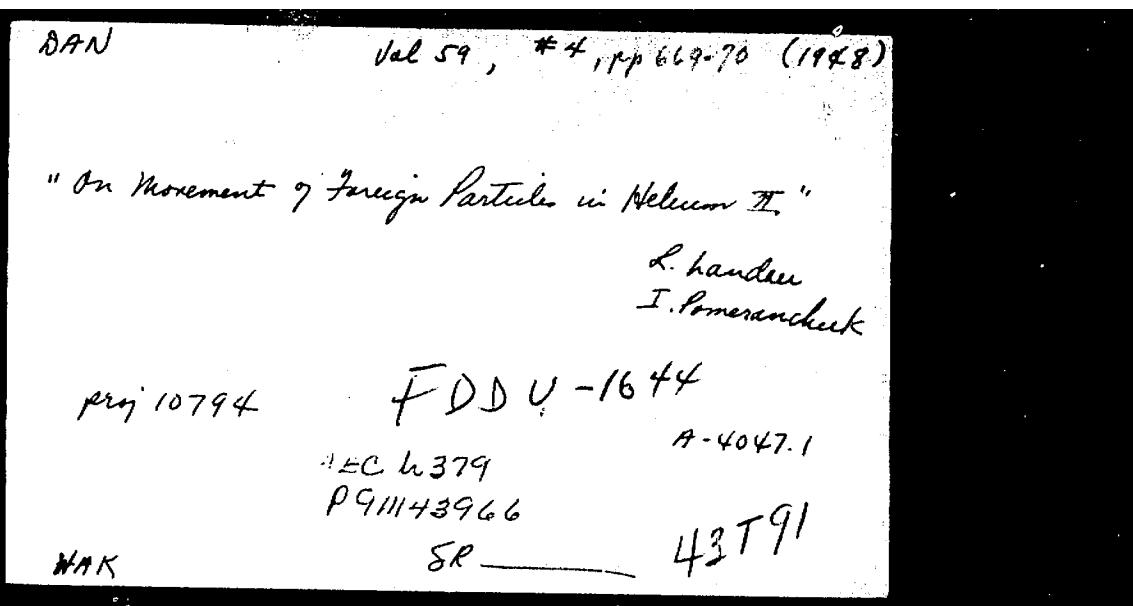
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 4,
1948, pp 659-662.

JPRS 5647

Sci - Phys

Sep 60

127,888



Relationships Between the Wind-Field, the Transport-
Field and the Mean Mass-Field in a Non-Homogeneous
Ocean by V. B. Shtokman, 7 pp.

59,
RUSSIAN, per, Dok Akad Nauk SSSR, Vol 4, USSR,
pp 675-678. 1948 *V.A. Na*

Defense Scientific Information Service
DRB Canada

T-56R

AEC TR 12.6

Metastable Atoms in a Fluorescent Lamp, by
K. Panovkin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 4,
1948, pp 683-686.

Sci Tr Center
RT - 1450

Scientific - Physics

18,937

Structure Changes of Metals Subjected to the Influence
of a High-Power Electrical Discharge, by Ya. I.
Pokrovskii, V. I. Likhman, 5 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1948, Vol LIX, No 4,
pp 687-689.

Sci Mus Lib No 52/3271

Scientific - Metallurgy

27 December 1952

Problems of Thermal Modelling, by A. M. Fainzil'ber,
6 pp.

RUSSIAN, thrice-mo per; Dok Ak Nauk SSSR, Vol LIX
LIX, 1948, pp 697-700.

Sci Tr Center RT-193

Scientific - Physics

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